

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"4147904"	USPAT	OR	OFF	2006/04/12 16:23
S2	58	381/111-115.ccls. and light	USPAT	OR	OFF	2004/12/10 14:26
S3	16	381/111-115.ccls. and light SAME microphone	USPAT	OR	OFF	2004/12/10 14:32
S4	8	381/111-115.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 14:51
S5	53	"704"/\$.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 14:38
S6	28	"704"/\$.ccls. and LED WITH microphone	USPAT	OR	OFF	2004/12/10 14:40
S7	0	381/150.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 14:51
S8	2	381/160.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 14:52
S9	8	381/172.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 14:55
S10	17	381/110.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 15:03
S11	3	362/86-88.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 15:04
S12	2	362/253.ccls. and LED SAME microphone	USPAT	OR	OFF	2004/12/10 15:05
S13	0	"20020099534"	USPAT	OR	OFF	2004/12/10 15:05
S14	1	"20020099534"	US-PGPUB; USPAT	OR	OFF	2004/12/10 15:05
S15	1	"20020186855"	US-PGPUB; USPAT	OR	OFF	2004/12/10 15:06
S16	1	"20030202341"	US-PGPUB; USPAT	OR	OFF	2004/12/10 15:06
S17	72	"381"/\$.ccls. and microphone SAME ((LED or light adj3 emitt\$3 adj3 diode) or optic\$3 or light) SAME voice	USPAT	OR	OFF	2004/12/11 16:43
S18	15	"381"/\$.ccls. and microphone WITH ((LED or light adj3 emitt\$3 adj3 diode) or optic\$3 or light) WITH voice	USPAT	OR	OFF	2004/12/11 16:47
S19	19	"704"/\$.ccls. and microphone WITH ((LED or light adj3 emitt\$3 adj3 diode) or optic\$3 or light) WITH voice	USPAT	OR	OFF	2004/12/11 16:47

## EAST Search History

S20	5	grier.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 14:06
S21	0	381/111-115.ccls. and plugs SAME ((light adj3 emit\$5) or LED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 14:13
S22	5	381/111-115.ccls. and microphones SAME ((light adj3 emit\$5) or LED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 14:19
S23	8	381/111-115.ccls. and microphones SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 14:20
S24	52	381/172.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 14:45
S25	28	381/110.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 14:59
S26	1	381/95.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 15:00
S27	41	381/92.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 15:09
S28	31	381/122.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 15:09
S29	80	381/386.ccls. and microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:36

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S30	5	381/386.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:32
S31	691	381/386.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:33
S32	657	"381"/\$.ccls. and microphone SAME (light or LED or light adj3 emit\$5 adj3 diode)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:37
S33	380	"381"/\$.ccls. and microphone WITH (light or LED or light adj3 emit\$5 adj3 diode)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:37
S34	281	"381"/\$.ccls. and microphone WITH (light)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:38
S35	48	"381"/172.ccls. and microphone WITH (light)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 15:14
S36	9	"4817163"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:45
S37	1	"6978031"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 14:46
S38	6	"381"/172.ccls. and microphone WITH (light) SAME voice	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 15:14
S39	3	362/253.ccls. and LED SAME microphone	USPAT	OR	OFF	2006/04/10 15:17
S40	3	362/253.ccls. and LED SAME microphone	USPAT	OR	OFF	2006/04/10 15:17
S41	29	381/110.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:27
S42	55	381/172.ccls. and microphone SAME light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:27
S43	64	381/172.ccls. and (light or LED or optical) SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 13:09

## EAST Search History

S44	60	381/172.ccls. and (light or LED or optical) WITH microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 14:01
S45	11	381/356.ccls. and (light or LED or optical) WITH microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 14:02
S46	37	381/92.ccls. and (light or LED or optical) WITH microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 14:36
S47	25	381/110.ccls. and (light or LED or optical) WITH microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 14:39
S48	12	381/172.ccls. and (light or LED or optical) SAME absorb\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 14:40